

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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NOV 11 2004

In re Application of:  
Donald E. Barrick  
Peter M. Lilleboe

Group Art Unit: 3662

Examiner: Unknown

Serial No.: 10/617,277

Atty. Dkt. No.: CODA:005US

Filed: July 10, 2003

For: CIRCULAR SUPERDIRECTIVE  
RECEIVE ANTENNA ARRAYS

CERTIFICATE OF MAILING  
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to, MS DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.

December 2, 2003

Date

Michael C. Barrett

INFORMATION DISCLOSURE STATEMENT

MS DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

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an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/CODA:005US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

*M. C. Barrett*

Michael C. Barrett  
Reg. No. 44,523  
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

Date: December 2, 2003

Page 1 of 1

Form PTO-1449 (modified)		Atty. Docket No. CODA-005US	Serial No. 10/617,277
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant Donald E. Barrick Peter M. Lilleboe	
		Filing Date: July 10, 2003	Group: 3662
U.S. Patent Documents See Page 1	Foreign Patent Documents See Page 1	Other Art See Page 1	

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	4,172,255	10/23/79	Barrick and Evans	343	5 W	8/8/77
	A2	5,361,072	11/1/94	Barrick et al	342	133	2/28/92
	A3	5,990,834	11/23/99	Barrick and Lipa	342	418	8/29/97

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Harrington, R. F., (1968), Field Computation by Moment Methods, MacMillan Co.: New York, Chapter 10.

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EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

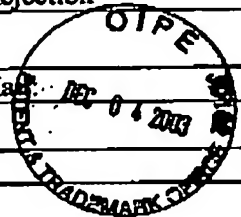
INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Please indicate receipt of the below-identified paper:

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<input checked="" type="checkbox"/> Other: IDS; Form PTO-1449; References (A1-A3 and C1); trans. ltr.; postcard.			
<input type="checkbox"/> Assignment Enclosed	<input type="checkbox"/> Cert. of Timely Mailing	<input type="checkbox"/> Exp. Mat. <i>Dec 04 2003</i>	

**IDENTIFICATION OF APPLICATION**

Serial No.: 10/617,227	
Title: CIRCULAR SUPERDIRECTIVE RECEIVE ANTENNA ARRAYS	
Applicant: Donald E. Barrick and Peter M. Lilleboe	Attorney: MCB
Client: CODAR	F&J File No.: CODA:005US
Mailed: December 2, 2003	Filed: Due Date:



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TELEPHONE: 512/474-5201

FACSIMILE: 512/536-4598

**FACSIMILE TRANSMISSION FROM: 512.536.4598**  
If any difficulties occur during transmission, 512.474.5201**DATE:** November 11, 2004 **FILE:** CODA:005US / 10303754**TO:** Examiner Dao Linda Phan, Prior Art Group #3662**COMPANY:** U.S. PATENT & TRADEMARK OFFICE**FAX NO.:** 703/872-9306**FROM:** Michael C. Barrett (01963) **SENDER'S  
PHONE:** 512/536-3018**RETURN  
ORIGINAL TO:** Ann King **FLOOR:** 20**NO. OF PAGES TO FOLLOW:** 8 **ORIGINAL: WILL NOT FOLLOW**

In accordance with your conversation with Nhi Tran last week, enclosed with this transmittal please find:

1. A copy of the IDS and Form PTO-1449 filed December 2, 2003, Fulbright & Jaworski's transmittal letter to the Patent Office dated December 2, 2003, and patent postcard accompanying same, date-stamped "received December 4, 2003" by the Patent Office; and
2. A copy of the Resubmission of IDS and Form PTO-1449 by facsimile on August 26, 2004. Also enclosed is a copy of the PTO Auto-Reply acknowledging receipt of these materials by the PTO on August 26, 2004.

The four (4) references submitted on December 2, 2003, have never been signed off on by an Examiner. We will appreciate your reviewing and signing off on those four references and faxing us a copy of the initialed Form PTO-1449 before November 16, 2004, which is the deadline for paying the issue fee in this case. If you have any questions regarding the intent of this transmission, please contact Nhi Tran direct at 512/536-3023

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<b>FACSIMILE TRANSMISSION</b>					
DATE: August 26, 2004		MATTER NUMBER:		10303754/CODA:005US	
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Dao Linda Phan, Examiner GAU 3663		703/872-9306		703/306-6167	
Patent and Trademark Office					
FROM: Martha A. Robinson		USER ID: MRL0001		FLOOR: 20	
PHONE: (312) 336-5616		FAX: (312) 336-4598			
RE: RESUBMISSION OF IDS AND FORM PTO-1440					
NUMBER OF PAGES WITH COVER PAGE:		8		Originals Will Not Follow	
MESSAGE: U.S. Application No. 10/617,277 entitled "CIRCULAR SUPERDIRECTIVE RECEIVE ANTENNA ARRAYS" by Donald E. Berrick and Peter M. Lillevick. Thank you for your attention to this matter.					
<b>CAUTION - CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS FACSIMILE IS CONFIDENTIAL AND MAY ALSO CONTAIN PRIVILEGED ATTORNEY-CLIENT INFORMATION OR WORK PRODUCT. THE INFORMATION IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHOM IT IS ADDRESSED. IF YOU ARE NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE TO DELIVER IT TO THE INTENDED RECIPIENT, YOU ARE REQUESTED TO MAKE ANY USE HEREOF WITHOUT AUTHORIZATION OR WITHOUT OTHER CONSULTATION BE STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS FACSIMILE BY ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE AND destroy this document, including the original, in accordance with the U.S. Patent System. THANK YOU.					
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August 26, 2004

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D.C. 20231, Attn: Examiner Dao Linda Phan, GAU 3662,  
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August 26, 2004  
Date

*Michael C. Barrett*  
Michael C. Barrett

Dao Linda Phan, Examiner  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RE: *U.S. Patent Application No. 10/617,277 entitled "CIRCULAR SUPERDIRECTIVE  
RECEIVE ANTENNA ARRAYS" – Donald E. Barrick and Peter M. Lilleboe*  
*Our reference: CODA:005US*

Dear Examiner Phan:

After reviewing each of the Office Action and the Notice of Allowability, it has come to our attention that the Information Disclosure Statement, Form PTO-1449 and 4 references submitted on December 2, 2003, were apparently never signed off by an Examiner.

For your convenience we have enclosed a copy of a Information Disclosure Statement and Form PTO-1449 that was filed with the Patent and Trademark Office (PTO) on December 2, 2003. Also enclosed is a copy of PTO stamped postcard indicating the documents submitted and the date received. The copies of the references previously submitted have not been enclosed. Please let us know if you would like us to resubmit those as well.

25448114.1

Commissioner for Patents  
August 26, 2004  
Page 2

Please review and approve this Information Disclosure Statement. If you need additional information, please let us know.

Thank you for your assistance in this matter.

Respectfully submitted,

*Michael C. Barrett*

Michael C. Barrett  
Reg. No. 44,523

MCB/mar  
Encl.: as noted.

25448114.1



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December 2, 2003

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December 2, 2003

Date

*Michael C. Barrett*

Michael C. Barrett

**MS DD**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RE: *U.S. Patent Application No. 10/617,227 entitled "CIRCULAR SUPERDIRECTIVE  
RECEIVE ANTENNA ARRAYS" – Donald E. Barrick and Peter M. Lilleboe*  
*Our reference: CODA:005US*

Sir:

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449, and references A1-A3 and C1.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/CODA:005US.

Please date stamp and return the enclosed postcard evidencing receipt of these materials

Respectfully submitted,

*Michael C. Barrett*

Michael C. Barrett  
Reg. No. 44,523

MCB/kmv  
Encl.: as noted

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